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URBAN FRINGE SANITATION. A SELECTED BIBLIOGRAPHY

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Urban Fringe Sanitation

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U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Bureau of State Services

1a.

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PREFACE

Many new sanitary engineering problems have arisen from the rapid growth of our cities. Solutions are most complex because of the interwoven technical, administrative, economic and legal aspects.

The worker in this field is confronted by a mass of literature which defies ready use by its very bulk. To assist the public health and planning official this bibliography has been prepared after a review of more than 2,000 publications. One hundred were selected.

The work was done by Mr. Warren F. Smith, S. A. Sanitary Engineer, (R).

Malcolm C. Hope, Chief
General Engineering Program

100 SELECTED REFERENCES IN THE FIELD OF URBAN FRINGE AREA SANITATION

I. WATER SUPPLY

A. Administration

Anonymous:

1. SHOULD CITIES SUPPLY WATER TO NEW SUBURBAN AREAS?; Water Works Engineering, 108:8:786-791, August 1955. Report of AWWA panel discussion on problems of suburbs with pros and cons on subject question.

Braucher, S. C., Fisher, C. N., Sahli, I. S., DeGroot, J.C.

2. WATER AUTHORITIES IN PENNSYLVANIA; Journal American Water Works Association, 45:2:153-169, February 1953. Series of articles on history and present status of authorities, changes in bond indentures, management problems, and operating problems. Includes breakdown of policies regarding payments for extensions.

Campbell, E. H., Diemer, R. B., Gerstein, H. H., Shaw, H. B., Krick, I. P.

3. METROPOLITAN WATER SYSTEM ORGANIZATION AND FUNCTIONS; Journal American Water Works Association, 46:8:788-802, August 1954. A group of four articles covering: legislative and management aspects, metropolitan water districts of Southern California, Chicago water system, Washington Suburban Sanitary District, together giving a thorough report on subject matter.

Finch, L. S., Dandridge, E. F., Devilbiss, H. R., Hatcher, M. P., Hoskinson, C. M.

4. WATER SERVICE FOR SUBURBAN AREAS; Journal American Water Works Association, 45:7:697-722, July 1953. A committee progress report covering the following subjects in detail: alternative methods of providing suburban water service, suburban rates -- metered service, suburban rates -- public fire protection, suburban main extension policies, public service commission rules and policies.

Jordan, H. E.

5. LOCAL AND REGIONAL WATER SUPPLY MANAGEMENT; Journal American Water Works Association, 43:6:441-452, June 1951. Paper describes possible types of organization, investments needed and gives financial comparisons.

Lautner, H.

6. SUBDIVISION REGULATIONS; R. R. Donelly & Sons, Chicago, Ill., 1941, 346 pp. A discussion and analysis of subdivision control practices in 284 areas, with regard to water supply and other topics.

Parker, L. T.

7. WHAT TO DO WHEN WATER MAIN EXTENSIONS ARE DEMANDED; Water Works Engineering, 102:1:37-38, January 1949. Cites court cases concerning validity of higher rates for out-of-town consumers, extension payments, legal obligations and rights with regard to special service outside city limits.

Vaseen, V. A.

8. DEVELOPING AND FINANCING A WATER DISTRICT MASTER PLAN; Water Works Engineering, 109:11: 1031-1032, November 1956. Explains need for study of area to plan for anticipated subdivision development, and to develop estimated expense and necessary service charge.

Wolman, A., Hazeltine, J.C., Deuel, O. P., Shephard, W. F., Carl, K. J.

9. EXTENSION OF PUBLIC SERVICES TO SUBURBAN AREAS; Journal American Water Works Association, 47:10:945-972, October 1955. Six articles from a panel discussion covering Federal aid, the public service commission viewpoint, the sanitary engineer viewpoint, and fire protection, all relating to suburban areas.

SEE ALSO NOS. 13, 15, 18, 56, 57, 63, 73, 74, 85, 91

B. Economics

Adsit, T. B.

10. THE LEASE-PURCHASE FINANCING METHOD; Public Management, 38:2:33-35, February 1956. Describes the lease-purchase method and gives examples of cities which have used it to finance public improvements.

Donovan, Clark, Macy, Simerville, Agard

11. SPECIAL ASSESSMENT FINANCING; Municipal Finance, 29:4:155-185, May 1957. Consists of five articles describing the principle, application and accounting procedures of special assessment methods of financing public utilities.

Egbert, D. C., Harrison, J. D., Vogt, J. E., Brown, S. S.

12. FINANCING WATER WORKS IMPROVEMENTS IN MICHIGAN; Journal American Water Works Association, 49:7:859-869, July 1957. A panel discussion comparing financing methods, water authorities and various types of bond issues.

Esser, G. H., Jr.

13. MUNICIPALITIES AND THE FRINGE AREA; Journal American Water Works Association, 49:7:834-840, July 1957. A general discussion of the responsibility of the city to suburban areas. Population density is proposed as a guide to the degree of service financially feasible.

14. URBAN GROWTH AND MUNICIPAL SERVICES: COSTS AND REVENUES FROM EXTENDING SERVICES TO NEWLY DEVELOPED RESIDENTIAL LAND, Popular Government, 23:3:5-12, November 1956. A comparison of the expected costs and the anticipated revenues to be received in connection with the furnishing of services to newly annexed areas. A description of methods of measuring these items.

Florida Engineering and Industrial Experimental Station

15. COMMUNITY PLANNING AND DEVELOPMENT; Bulletin Series #66, College of Engineering, University of Florida, 8:5, May 1954. A detailed discussion of fringe area sanitation problems together with proposed legislation and regulations, views of builders, lenders, and health officials. Recommendations for correction through improved planning.

Hatcher, M. P.

16. HOW KANSAS CITY, MISSOURI, SELLS WATER TO ITS SUBURBS, The American City, 67:5:99-101, May 1952. How the rate structure is based and how trunck main costs were determined under the city's plan of selling water to outlying areas in Missouri and Kansas.

Howson, L. R.

17. RATES, REVENUES AND RISING COSTS; Journal American Water Works Association, 48:5:465-471, May 1956. A discussion of water rates and their relation to use, service extensions and capital investment in the supply system.

Joint State Government Commission (Pennsylvania)

18. MUNICIPAL AUTHORITIES; Main Capital Bldg., Harrisburg, Penna., 1945. Describes the formation, operation and financing methods of municipal authorities as provided by Pennsylvania law.

McKeever, J. R.

19. UTILITIES AND FACILITIES FOR NEW RESIDENTIAL DEVELOPMENT; Urban Land Institute Technical Bulletin #27, 1955. A detailed discussion of various methods of financing community facilities in new developments. Lists results of a questionnaire covering current practices from all U. S. cities over 50,000 population.

Roberts, J. M., Milam T.

20. DEVELOPMENT OF A RURAL PUBLIC WATER SUPPLY: (1) LIMITED SERVICE TO PARTIALLY DEVELOPED AREAS And (2) GAINESVILLE, GA. EXPERIENCE; Journal American Water Works Association, 49:9:1139-1146, September 1957. A joint discussion in which water system design, extension policy and cost factors are described for typical suburban areas. Emphasis is on costs and necessary connections to be economically feasible. Second paper describes financing of suburban water supply extensions in Gainesville area.

SEE ALSO NOS. 2, 4, 5, 7, 8, 35, 37, 38, 42, 55, 59, 70, 78, 82, 85, 91

C. Technical

No specific references are listed here, as it is felt that this field is widely covered in numerous standard reference books and current periodicals. An annual reference and data edition is published by Water and Sewage Works magazine which has selected articles covering various phases of water supply, both new material and basic information. The Journal American Water Works Association also publishes an index covering the previous year's articles in the December issue of this publication.

II. SEWERAGE

A. Administration

Anonymous:

21. HOW TO SOLVE SEWAGE PROBLEMS OF FRINGE AND INTER-CITY AREAS; Wastes Engineering, 26:12:653-656, December 1955. General report on needs, different types of sewer districts and examples of several areas which have recently built plants for outlying areas.

22. THE COUNTY THAT BECAME A CITY; Engineering News-Record, 159:14:30-37, October 3, 1957. Describes experience of Nassau County, New York, in solving rapid growth problems. Particular emphasis on drainage problems.

Byrd, K. D.

23. COUNTY SUPPLIES SEWER AND PLANT FOR BIRMINGHAM METROPOLITAN AREA; The American City, 67:7:88-89, July 1952. Describes how this county is responsible for building and maintaining outfall service and treatment plants while municipalities are responsible for construction and maintenance of collecting sewers within their boundaries. Sewer service charges used for financing based on 50% of the water bill.

Cohn, M., Editor, Wastes Engineering (Symposium - various authors)

24. HOW ARE WE SOLVING THE SEWAGE WORKS PROBLEMS OF URBAN-SUBURBAN GROWTH?; Wastes Engineering, 28:10, October 1957. Entire issue is devoted to theme of subject. Includes articles on small treatment plants, cooperative agreements and metropolitan area arrangements. Summary of present state policy included.

Crouch, W. W., Maccoby, W.

25. SANITATION ADMINISTRATION IN THE LOS ANGELES METROPOLITAN AREA; Bureau of Governmental Research, University of California, 1952, 100 pp. Book describes the legal basis of sanitation administration and its development in Los Angeles where the city contracts with some areas for sewerage service and the county also establishes districts to set up a sanitation service area. Book also contains a section on garbage and rubbish system.

Kiker, J. E., Jr., Nelson, M. K., Metzler, D. F., Wakefield, J. W., Riker, I. R.

26. FRINGE AREA SANITATION -- A SYMPOSIUM; Sewage and Industrial Wastes, 28:4:471-487, April 1956. A discussion of the over-all fringe area sewerage problems and descriptions of legislation, organization of various public districts, private ownership and operation of systems, types and costs of various systems.

Lanning, A. J.

27. SMALL SEWAGE TREATMENT PLANTS FOR DEVELOPMENTS; Public Health News, New Jersey State Department of Health, 38:8:259, August 1957. A discussion of small treatment plants constructed and operated by the subdivision developer as a public utility.

Longmaid, D. D., Bagby, S., Hawks, J. W.

28. SERVICE DISTRICTS AND THE METROPOLITAN AREA; Planning - 1954, pp. 45-57, Proceedings of the Annual National Planning Conference, American Society of Planning Officials. Article is a discussion of planning needs for sanitary sewers, storm drainage and public schools. Suggests natural drainage basin as the most logical planning area for sewers, regardless of political boundaries.

Richards, P. W., Hilbert, M. S., Salvato, J. A., Jr., Mitchell, H. C., Stockton, E. L.

29. COPING WITH SUBURBAN SEWAGE DISPOSAL; Conference of Municipal Public Health Engineers, 604, City-County Building, Pittsburgh 19, Penna., 1956, 20 pp.

A. SURVEY OF STATE POLICIES - Gives 1956 Policies of twelve states, re: suburban subdivision sewerage system plans, particularly "community" system. States "community" system economically feasible for 100-plus house subdivisions. Limited discussion of enabling legislation.

B. PREVENTIVE PLANNING - Explains methods and need for requiring health department approval of proposed subdivisions. Proposes master plan for sewerage, but does not propose new laws, super authorities, etc. to be needed.

C. LEGISLATION AND FINANCING - Lists and describes various legislative methods of promoting central sanitary facilities through (a) subdivision control laws; (b) area or regional agreements for service districts; and (c) health department policies. Gives cost table for different methods and brief discussion of financing.

D. FORMING THE SEWER DISTRICT - Describes procedure for formation, responsibility and financing a sewer district. Describes operation of private sewage utility.

E. "PACKAGED" TREATMENT PLANTS - Cites need for impartial testing of equipment and discusses industry meeting and plans along this line.

Richards, P. W.

30. SANITARY SEWAGE DISPOSAL IN SUBDIVISIONS; Journal of the Sanitary Engineering Division, Proceedings of the American Society of Civil Engineers, 83:SA4, August 1957. Lists the present state policy in 12 states, gives costs of systems and discusses planning, financing and technical considerations very briefly.

Shaw, R. S.

31. THE SEWERAGE AUTHORITY APPROACH TO STREAM POLLUTION CONTROL; Sewage and Industrial Wastes, 28:2:195-198, February 1956. Describes the authorization for establishing financial methods and powers of sewage authorities in New Jersey.

Slankard, M. W.

32. TWO CITIES BUILD ONE SEWAGE TREATMENT PLANT; The American City, 67:8:100-101, August 1952. Unusual financing system is described in which two cities share plant costs based on flow and load ratios.

Tolles, F. C., Backherms, A. B., Kranz, H. H.

33. SEWAGE DISPOSAL PROGRAM FOR CINCINNATI AND VICINITY; Sewage and Industrial Wastes, 22:11:1387-1402, November 1950. Three articles describing the development of sewerage plans for this metropolitan area. The plans and features of the treatment plant, method of financing, and description of the special industrial wastes control are given.

Wilcox, R. F., Cruikshank, D. S.

34. SOLVING THE SEWERAGE PROBLEM AT UKIAH, CALIFORNIA; Sewage and Industrial Wastes, 29:7: 762-767, July 1957. Discusses joint city-suburban sewerage problem and explains action which was taken to provide sewers and plants to serve both city and suburban areas.

SEE ALSO NOS. 6, 15, 18, 58, 61, 63, 64, 66, 68, 74, 78, 85

B. Economic

Baffa, J. J.

35. FINANCING SEWAGE FACILITIES BY SEWER SERVICE CHARGES; Wastes Engineering, 26:3:127, March 1955. Lists six bases in general use for fixing rate schedules and gives chart showing service charges in cities using this system.

Crawford, H. L., Crawford, H. J.

36. SPECIAL ASSESSMENTS AND SPECIAL ASSESSMENT BONDS; Municipal Finance, 25:4:152-156, May 1953. A discussion of some problems and considerations in special assessment financing with several references to water and sewerage facilities.

Hilbert, M. S.

37. DEVELOPMENT OF SANITARY DISTRICT RATES FOR WATER, SEWAGE DRAINAGE AND REFUSE CONTROL; American Journal of Public Health, 44:4:467-472, April 1954. A general description of urban fringe problems and use of an area-wide authority as a possible answer.

Miller, J. M.

38. SERVICE CHARGES AS AN IMPORTANT REVENUE SOURCE; Municipal Finance, 26:1:49-55, August 1953. Author lists types of service charges and discusses those commonly used for sewers and solid waste disposal specifically, with considerations for choosing between service charge and general taxation.

Mitchell, R. L.

39. FINANCING SEWERAGE IMPROVEMENTS; Water and Sewage Works, 101:5:R184-R186, Part II, May 1954. A discussion of the legal questions regarding various methods of basing sewer rental charges.

Rosapepe, J. S.

40. SEWER SERVICE CHARGES BASED ON METERED WATER; Water and Sewage Works, 103:R&D:R23-R26, June 1956. Examples of the use of this method of charging for sewers. Also listed are some necessary exceptions and how they may be handled.

Sterling, C. I., Jr.

41. SEWER RENTALS AND SEWER EXTENSION CHARGES IN MASSACHUSETTS; Sewage and Industrial Wastes, 28:6:772-773, 1956. Lists various methods of assessments for sewer extensions and financial operation for treatment plants in 133 municipalities.

Vermilya, A. B.

42. SPECIAL BENEFIT ASSESSMENT; Municipal Finance, 27:3:124-127, February 1955. A description of the special assessment procedures used in Stratford, Connecticut, with special consideration to a unit method for sanitary sewer assessments.

SEE ALSO NOS. 10, 11, 13, 14, 19, 23, 25, 26, 29, 30, 32, 33, 55, 59, 70, 78, 82

C. Technical

Baffa, J. J.

43. SMALL SEWAGE TREATMENT PLANTS; Public Works, 88:8:116-122, August 1957. A review of the special problems involved in the design of sewage treatment facilities for small communities, institutions, etc.

Bureau of Public Health Engineering, Division of Health of Missouri

44. A GUIDE FOR DESIGN OF SMALL SEWAGE WORKS; 1953. Design data for plants up to 5,000 g.p.d., in general based on the standards of the upper Mississippi River Board of Public Health Engineers and the Great Lakes Board of Public Health Engineers (10 State standards).

French, D. E.

45. MUNICIPAL SEWAGE LAGOONS; Water and Sewage Works, 103:R&D:R261-R265, June 1956. Discusses theory, present uses and results from existing lagoons, and lists many references for obtaining more detailed information.

Hopkins, G. J., Neel, J. K.

46. RAW SEWAGE LAGOONS; Water and Sewage Works, 104:R&D:R269-R272, June 1957. A detailed description of the cost, maintenance, operational features, performance and application of raw sewage lagoons.

Jaffe, T.

47. PACKAGED SEWAGE TREATMENT PLANTS; Water and Sewage Works, 104:8:369-373, August 1957. Describes the fundamental processes of several commercial aeration type package treatment plants. Diagrams included.

Salvato, J. A., Jr.

48. EXPERIENCE WITH SUBSURFACE SAND FILTERS; Sewage and Industrial Wastes, 27:8:909-916, August 1955. Author gives design data, sketches, costs and describes efficiency of subsurface sand filters.

U. S. Department of Health, Education, and Welfare

49. MANUAL OF SEPTIC TANK PRACTICE; Public Health Service Publication No. 526, Part II, 1957, pp. 35-63. This bulletin describes the use of large septic tanks used either with soil absorption, filter trenches, subsurface sand filters, or superficial sand filters for institutions, schools, small housing projects, etc.

Virginia State Department of Health

50. SEWAGE TREATMENT PLANTS FOR SCHOOLS AND OTHER PUBLIC BUILDINGS; 1949, 19 pp. Describes, with many design drawings, the use of intermittent sand filters and trickling filters for small treatment units.

Wilford, J., Conlon, T. P.

51. CONTACT AERATION SEWAGE TREATMENT PLANTS IN NEW JERSEY; Sewage and Industrial Wastes, 29:8:845-855, August 1957. Description of operation and efficiency of contact aeration plants is discussed as one system suitable for realty developments of a few hundred houses.

SEE ALSO NOS. 24, 27, 33, 85.

III. REFUSE

Reference material concerning refuse collection and disposal has previously been selected and annotated in a publication by the Public Health Service. In lieu of repeating a listing of the separate references, item 53, listed below, refers to this publication which in turn describes the available material on this subject.

U. S. Department of Health, Education, and Welfare, Public Health Service, and American Public Works Association

52. REFUSE COLLECTION AND DISPOSAL FOR THE SMALL COMMUNITY; 1953, 39 pp. Booklet discusses storage, collection and disposal of refuse. Charts show equipment needs, costs, etc. for smaller urban areas. Model ordinances and regulations are cited.

Weaver, L.

53. REFUSE COLLECTION AND DISPOSAL, AN ANNOTATED BIBLIOGRAPHY, 1954-1955; U. S. Department of Health, Education, and Welfare, Public Health Service, Bibliography Series No. 4, Supplement B. An annotated bibliography of reference material covering regulations, finances, storage, collection and types of disposal of refuse. 275 references listed.

IV. PLANNING

Anonymous:

54. SUBURBIA AND PUBLIC HEALTH; Public Health Reports, 70:2:120-121, February 1955. A report of the findings of an APHA committee on "The Impact of Suburbanization on Public Health." No definite conclusions established other than the need for remedial action.

Alderfer, H. F., Chatters, C. H.

55. IS AUTHORITY FINANCING THE ANSWER: ANOTHER POINT OF VIEW; The American City, 70:2:116, February 1955. The pros and cons of the "authority" as a means of financing metropolitan government are discussed. The second article is a comment on the first giving alternatives to the authority device.

American Society of Planning Officials

56. GUIDES FOR COMMUNITY PLANNING. A SELECTED BIBLIOGRAPHY, 1954. Lists of articles of general interest as well as some specific technical subjects, such as subdivision control.

Bagby, S.

57. URBAN SERVICE DISTRICT POLICY; The American City, 66:12:86-87, December 1951. Describes the policy of Grand Rapids Development Association in which many communities jointly established service lines, zoning and subdivision regulations.

Baker, B.

58. URBAN GOVERNMENT; D. Van Nostrand Co., Inc., 1957, 572 pp. Part III of this book describes the city and its extended relationships with a chapter on metropolitan area relationships which describes the problems and attempted solutions for metropolitan areas.

Barbour, Hanrahan, Pfeffer, Wood, Tobin, Bird

59. REVENUE BONDS; Municipal Finance, 21:4, entire issue of May 1949. Articles cover this subject generally as applied to local improvement financing.

Becker, D.

60. ADOPT AREA-WIDE PLAN; National Municipal Review, 46:5:230-234, May 1957. A discussion of the recently enacted Metropolitan Council Act in Washington State. Describes the factors and procedures leading to development of the act and the provisions it contains.

Bollens, J. C.

61. CITIES AND THE URBAN FRINGE; Public Management, 36:6:126-129, June 1954. Fringe problems and their effect on both the city and suburban dwellers are described, and suggested inter-government approaches, with an enlarged county role, are given as a possible answer.

62. ELEMENTS OF SUCCESSFUL ANNEXATION; Public Management, 30:4:98-101, April 1948. A survey of factors which have influenced numerous attempted annexations. Points out that the need for adequate sewer connections has largely determined the success or failure in many cases.

63. METROPOLITAN AREAS: PUZZLE AND CHALLENGE; Public Management, 38:5:98-104, May 1956. Outlines some possible solutions to urban fringe problems, such as urban counties, metropolitan special districts, annexation, etc.

64. THE STATES AND THE METROPOLITAN PROBLEM; The Council of State Governments, 1313 E. 60th Street, Chicago 37, Ill., 1956, 163 pp. A general description of the existing problem with the six most frequently used administrative devices and suggestions for needed state action to assist solutions.

California, University of

65. PUBLIC SERVICES IN UNINCORPORATED COMMUNITIES; Bureau of Public Administration, Berkeley, California. A review of the types of services and agencies which now finance them in unincorporated areas in eight states; Alabama, Georgia, Indiana, Michigan, Minnesota, New York, Texas, Pennsylvania.

Commerce, Department of New York State

66. CONTROL OF LAND SUBDIVISION; 1954. A manual of subdivision regulations explaining requirements for plot approval, restrictions, examples of regulations.

Crowley, J.H.

67. HOME RULE FOR THE WHOLE CITY, National Municipal Review, 34:4:178-181, April 1950. Proposes use of county government as the logical area to take responsibility for operation and management of metropolitan service.

Fagin, H.

68. PROBLEMS OF SUBURBAN COMMUNITIES; Planning - 1951, Proceedings of the Annual National Planning Conference, American Society of Planning Officials. A discussion of the nature of the suburban fringe, listing trends and future possibilities. Cites several land revision schemes.

Gathercole, G.

69. SOME OBSERVATIONS ON REGIONAL PLANNING; Municipal Finance, 27:1:15-20, August 1954. The needs of metropolitan Toronto and how the solution adapted was based on optimum use of the existing resources and the financial ability of the effected communities.

Glade, E., Beistel, H.

70. URBAN AND FRINGE AREA FINANCIAL AND OPERATING PROBLEMS IN (1) A MEDIUM-SIZED CITY (2) A SMALL CITY; Municipal Finance, 27:2:87-95, November 1954. General discussion of subject in title.

Hope, O. K., Tarshes, M. D.

71. CONSOLIDATION OF CITY-COUNTY HEALTH FUNCTIONS IN SAN DIEGO; Public Administration Review, 14:3:170-179, Summer 1954. The local situation before consolidation, necessary charter and ordinance amendments, budget, financial and personnel arrangements are described in detail.

Housing and Home Finance Agency

72. SUGGESTED LAND SUBDIVISION REGULATIONS; 1952, 65 pp. Booklet gives model subdivision regulations covering definitions, procedure, design standards, required improvements, plats and data and variances and includes sample forms.

Howson, L. R.

73. FORECAST OF THE NEEDS OF THE CHICAGO METROPOLITAN AREA; Journal American Water Works Association, 47:11:1030-1038, November 1955. A detailed discussion with charts and graphs showing how the population and water needs for the Chicago metropolitan area were forecast for 1980.

Hughes, M. C.

74. ANNEXATION AND REALLOCATION OF FUNCTIONS; Public Management, 34:2:26-30, February 1952. Describes the reallocation of functions between city and county in recent Atlanta, Georgia, change, in which city is given sole rights to furnish certain services (water, sewerage, etc.). The county is forbidden to furnish these but is given similar sole responsibility for other (public health and welfare) and some remain joint undertakings.

Institute of Local and State Government, University of Pennsylvania -- Seminar (Symposium - various authors)

75. THE GOVERNMENT OF METROPOLITAN AREAS; 1957. A report on a conference of subject name, with panel discussions covering activities in Los Angeles, Boston, and Toronto metropolitan areas and a panel on the role of the states in the solution of metropolitan area problems.

Jamison, J. A., Bigger, R.

76. METROPOLITAN COORDINATION IN LOS ANGELES; Public Administration Review, 17:3:164-169, Summer 1957. The role of Los Angeles County as a strong governmental agency contracting services to smaller cities. County officials are seeking a two-level government in which local policies are decided by city councils and most services are rendered by the county on a uniform metropolitan scale.

Jones, V.

77. URBAN COUNTIES - SUBURBAN OR METROPOLITAN GOVERNMENTS?; Public Management, 36:5:98-101, May 1954. Author states the case for the county as a suggested unit of government around which to create the metropolitan regulations. He states, however, that most counties would need to be more properly organized to handle this.

Lee, E.

78. USE OF LEASE-PURCHASE AGREEMENTS TO FINANCE CAPITAL IMPROVEMENTS; Municipal Finance, 24:2:78-81, November 1951. Describes the method of operation of various forms of lease-purchase agreements between public, semi-public and private organizations.

Lewis, H. M.

79. PLANNING THE MODERN CITY; Vol. II, John Wiley & Sons, Inc., New York, N. Y., 1948, 224 pp. A non-technical general discussion of the needs for planning services in cities and suburbs.

Maddox, R. W.

80. CITIES STEP OVER LINE; National Municipal Review, 44:2:82-88, February 1955. A general description of the authority of cities to provide services and to regulate suburbs outside the city limits.

McLean, J. E.

81. USE AND ABUSE OF AUTHORITIES; National Municipal Review, 42:9:438-444, October 1953. Describes drawbacks of the trend toward authorities as a popular device. Cites lack of popular control as a serious disadvantage.

Moore, Sindelar, Mooney, McGuire, Hynes, O'Harrow, Nampa, Fuller

82. METROPOLITAN AREA FINANCIAL PROBLEMS; Municipal Finance, 29:2:67-112, November 1956. A discussion of urban and fringe area financial problems in considering metropolitan planning, annexation, etc.

Mott, S. H., Wehrly, M. S.

83. SUBDIVISION REGULATIONS AND PROTECTIVE COVENANTS; Urban Land Institute Technical Bulletin #8, 1947. Discusses the customary types of public subdivision regulations and also types of protective covenants, with examples given.

O'Harrow, D.

84. SUBDIVISION AND FRINGE AREA CONTROL; American Journal of Public Health, 44:4:473-477, April 1954. Subdivision control regulations are discussed, with reasons for subdivisions becoming problems and a call for better control at the local level.

Oregon, University of

85. PROBLEMS OF THE URBAN FRINGE; Bureau of Municipal Research and Service, 2 Volumes, 1957. These books are written as case studies and describe conditions in fringe areas around each of eight communities. Sewerage, water supply and other factors are discussed as they affect each community. Possible solutions, costs and practices are given for each area.

Reed, T. H.

86. HOPE FOR SUBURBANITIS; National Municipal Review, 39:11:542-553, December 1950. Outlines the borough plan in which functions of local government are divided between a central metropolitan agency and existing municipal units. Also suggests functional consolidation transferring to a county some functions hitherto performed by smaller municipal units.

Roterus, V., Hughes, I. H., Jr.

87. GOVERNMENTAL PROBLEMS OF THE FRINGE AREAS; Public Management, 30:4:94-97, April 1948. A general analysis of the fringe area and its effect on the central city, with suggestions for corrective action.

Rubel, D. L., Morton, F. H., Deacon, P. A.

88. CLINIC: ROLE OF A CITIZEN PLANNING AGENCY; Planning - 1954, pp. 121-132, Proceedings of the Annual National Planning Conference, American Society of Planning Officials. Describes the activities and need for citizen participation in the planning for the community.

Sheps, C. G.

89. THE CITY PLANNER AND THE PUBLIC HEALTH; Planning - 1952, pp. 91-97, Proceedings of the Annual National Planning Conference, American Society of Planning Officials. A general discussion of the areas in which a close working relationship is needed between health and planning officials.

Solberg, E. D., Stout, S., Belser, K. J.

90. PLANNING AND ZONING IN RURAL AREAS; Planning - 1953, pp. 163-184, Proceedings of the Annual National Planning Conference, American Society of Planning Officials. Explains and discusses the need for zoning controls to control growth of suburbs.

Tableman, B.

91. GOVERNMENTAL ORGANIZATION IN METROPOLITAN AREAS; Michigan Government Studies #21, Bureau of Government, Institution of Public Administration, University of Michigan, 1951. Book describes metropolitan problem and various administrative structures proposed. A description of special district establishment, structure and financing is given, with examples. Also the county, the central city, and joint city-county undertakings are described.

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